

## GRUPO DE INVESTIGACIÓN: ESPECTROSCOPIA ANALÍTICA Y SENSORES (GEAS) (11)

### INDEXADAS (9)

***Exploring the impact of silver-based nanomaterial feed additives on green algae through single-cell techniques***

**Bakir, Mariam; Jiménez, María S.; Laborda, Francisco;** Slaveykova, Vera I. SCIENCE OF THE TOTAL ENVIRONMENT, vol. 939, pág. 173564 [9 pp.]

Factor de impacto WOS : 8.2

***Nanoplastics as competitors of natural colloids in the environment: The case of gadolinium complexes***

Trujillo, Celia; Thibault de Chanvalon, Aubin; **Laborda, Francisco;** Lobinski, Ryszard; Jimenez-Lamana, Javier

CHEMOSPHERE, vol. 369, pág. 143810

Factor de impacto WOS : 8.1

***Bactericidal activity of silver nanoparticles: An analytical approach based on single cell and single particle inductively coupled plasma mass spectrometry analysis to determine silver species involved***

**Giménez-Ingalaturre, Ana C.; Abad-Álvaro, Isabel; Bakir, Mariam; Chueca, Patricia; Goñi, Pilar; Laborda, Francisco**

Microchemical journal, vol. 205 , pág. 111296 [10 pp.] Factor de impacto WOS: 4.9

***Nanosilver-based materials as feed additives: Evaluation of their transformations along in vitro gastrointestinal digestion in pigs and chickens by using an ICP-MS based analytical platform***

**Ben-Jeddou, Khaoula; Bakir, Mariam; Jiménez, María S.; Gómez, María T.; Abad-Álvaro, Isabel; Laborda, Francisco**

ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.416, pág 3821-3833

Factor de impacto WOS :3.8

***Looking at the Iron Age in the inland Iberia and the Mediterranean influences: ceramics from the archaeological site of El Pueyo de Marcuello (Huesca, Spain)***

**Fabre, José; Pérez-Arantegui, Josefina;** Lapuente, Pilar; Arbués, María-José JOURNAL OF CULTURAL HERITAGE, vol. 69, pág. oct-17

Factor de impacto WOS: 3.5

***Single particle inductively coupled plasma mass spectrometry metrology: Revisiting the transport efficiency paradigm***

**Bolea, Eduardo; Laborda, Francisco**

SPECTROCHIMICA ACTA - PART B ATOMIC SPECTROSCOPY, vol. 216, pág.106941 [7 pp.]

Factor de impacto WOS: 3.2

***Performance of single-cell ICP-MS for quantitative biodistribution studies of silver interactions with bacteria***

**Gimenez-Ingalaturre, Ana C.; Abad-Álvaro, Isabel; Goñi, Pilar;** Billimoria, Kharmen; Goenaga-Infante, Heidi; **Laborda, Francisco**

Journal of Analytical Atomic Spectrometry, vol. 39, nº 3, pág.743-753 Factor de impacto WOS: 3.1

***Synchrotron radiation and neutrons in art and archaeology SR2A 2023 ;***

**Pérez-Arantegui, Josefina;** Stieghorst, Christian

APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol. 130, pág 12 [4 pp.]

Factor de impacto WOS : 2.5

***Effect of the dietary administration pattern of silver nanoparticles on growth performance, biodiversity of digestive microbiota and tissue retention in broiler chickens***

Zaoui, Yahya; Belanche, Alejandro; **Ben-Jeddou, Khaoula; Jiménez García-Alcalá, María**

**Sierra;** Fondevila, Guillermo; Fondevila, Manuel

ANIMAL FEED SCIENCE AND TECHNOLOGY vol. 309, pág 115888 [9 pp.]  
Factor de impacto WOS: 2.5

**NO INDEXADAS (2)**

***Estrategias analíticas para el estudio de la actividad bactericida de iones plata y nanopartículas y sus efectos sinérgicos con antibióticos***  
**Abad-Álvaro, Isabel; Giménez-Ingalaturre, Ana C.; Bakir, Mariam; Goñi, Pilar; Laborda, Francisco**  
ACTUALIDAD ANALÍTICA,, vol. 87, pág. 81-87

**Glazes.**

**Pérez-Arantegui, Josefina**

En: Rehren, T., Nikita, E. (Eds.), Encyclopedia of Archaeology, 2nd Edition, vol. 2, pp. 559–572, London: Academic Press. 2024